JOURNAL OF TROPICAL PEDIATRICS

VOLUME 49
2003

CONTENTS

EDITORIALS

Page

2 TRADITIONAL REMEDIES IN LEAD POISONING

3 ONLINE ACCESS TO THE *JOURNAL OF TROPICAL PEDIATRICS*

68 MENINGOCOCCAL DISEASE

132 MALARIA AND NEWBORNS

196 MICROBIOLOGY AND MANAGEMENT OF CHRONIC SUPPURATIVE OTITIS MEDIA IN CHILDREN

260 CHILDREN'S RIGHTS AND CHILD HEALTH: WHAT ROLE FOR PAEDIATRICIANS?

324 PALLIATIVE CARE FOR CHILDREN

ORIGINAL PAPERS

6 GROWTH OF INFANTS DURING THE FIRST YEAR OF LIFE ACCORDING TO FEEDING REGIMEN IN THE FIRST 4 MONTHS
G. Gökçay, J. M. Turan, A. Partalci and O. Neyzi

13 CEREBROSPINAL FLUID LYSOZYME LEVEL FOR THE DIAGNOSIS OF TUBERCULOUS MENINGITIS IN CHILDREN
O. P. Mishra, P. Batra, Z. Ali, S. Anupurba and B. K. Das

17 PREDICTORS AND NUTRITIONAL CONSEQUENCES OF INTESTINAL PARASITIC INFECTIONS IN RURAL ECUADORIAN CHILDREN
M.-E. Sackey, M. M. Weigel and R. X. Armijos

24 SEASONAL DIETARY STRESS IN PERUVIAN CHILDREN
M. A. Graham

28 PERCENTAGE, BACTERIAL ETIOLOGY AND ANTIBIOTIC SUSCEPTIBILITY OF ACUTE RESPIRATORY INFECTION AND PNEUMONIA AMONG CHILDREN IN RURAL SENEGAL
P. Echave, J. Bille, C. Audet, I. Talla, B. Vaudaux and M. Gehri

33 THE ROLE OF NITRIC OXIDE IN PEDIATRIC PATIENTS WITH PORTAL HYPERTENSION
V. Shams, T. Erkan, M. K. Gümüştaş, F. Çullu, T. Kutlu, H. Kaya, S. Aydin and G. Tümay

37 ANTIMICROBIAL SUSCEPTIBILITY AND DISTRIBUTION OF NON-TYPHOIDAL *SALMONELLA* SEROVARS ISOLATED IN MALAYSIAN CHILDREN
W. S. Lee, S. D. Puthucheary, N. Parasakthi and K. E. Choo

42 VITAMIN A STATUS AND NUTRITIONAL INTAKE OF CAROTENOIDS OF PRESCHOOL CHILDREN IN IJAYE ORILE COMMUNITY IN NIGERIA
O. O. Oso, P. O. Abiodun, O. O. Omotode and D. Oyewole

48 JAPANESE ENCEPHALITIS IN AND AROUND PONDICHERRY, SOUTH INDIA: A CLINICAL APPRAISAL AND PROGNOSTIC INDICATORS FOR THE OUTCOME
R. Potula, S. Badrinath and S. Srinivasan

71 UNRELATED UMBILICAL CORD BLOOD TRANSPLANT FOR β-THALASSEMIA MAJOR
J. Fang, S. Huang, C. Chen and D. Zhou

74 KERNICTERUS AND G6PD DEFICIENCY—A CASE SERIES FROM OMAN
P. A. K. Nair and S. M. Al Khusaiby

78 THE IMPACT OF HIV INFECTION AND TRIMETHOPRIM-SULPHAMETHOXAZOLE PROPHYLAXIS ON BACTERIAL ISOLATES FROM CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA IN SOUTH AFRICA
H. J. Zar, D. Hanslo and G. Hussey

84 THE EFFECT OF IRON THERAPY ON THE GROWTH OF IRON-REPLETE AND IRON-DEPLETE CHILDREN
I. Majumdar, P. Paul, V. H. Talib and S. Ranga

89 A STUDY OF FEEDING PATTERNS IN YOUNG INFANTS
F. Shiva and M. Nasiri

93 DIARRHEA IN THE DOMINICAN REPUBLIC: DETERMINANTS OF THE UTILIZATION OF CHILDREN'S HEALTH SERVICES
A. Thind

99 HYPO AND HYPERMAGNESEMIA IN AN INDIAN PEDIATRIC INTENSIVE CARE UNIT
S. C. Singhi, J. Singh and R. Prasad

104 PREVALENCE OF EXERCISE-INDUCED BRONCHOSPASM IN SCHOOLCHILDREN: AN URBAN–RURAL COMPARISON
P. Sudhir and C. E. Prasad

109 EVALUATION OF THE OUTCOME OF PATIENTS ADMITTED TO THE PEDIATRIC INTENSIVE CARE UNIT IN ALEXANDRIA USING THE PEDIATRIC RISK OF MORTALITY (PRISM) SCORE
A. El-Nawawy

115 HYPOTHERMIA ON ADMISSION: A RISK FACTOR FOR DEATH IN NEWBORNS REFERRED TO THE PERNAMBUCO INSTITUTE OF MOTHER AND CHILD HEALTH
S. M. da Mota Silveira, M. J. Gonçalves de Mello, S. de Arruda Vidal, P. G. de Frias and A. Cattaneo

136 DEFECTIVE REGULATION OF THE PROTECTIVE IgE RESPONSE AGAINST INTESTINAL HELMINTH *ASCARIS LUMBRICOIDES* IN MALNOURISHED CHILDREN
I. Hagel, N. R. Lynch, F. Puccio, O. Rodriguez, R. Luzondo, P. Rodríguez, P. Sánchez, M. C. Cabrera and M. C. Di Prisco

143 EVALUATION OF THE WHO CLINICAL CASE DEFINITION FOR PEDIATRIC HIV INFECTION IN BLOEMFONTEIN, SOUTH AFRICA
C. L. van Gend, M. L. Haadsma, P. J. J. Sauer and C. J. Schoeman

148 IS nCPAP OF VALUE IN EXTREME PRETERMS WITH NO ACCESS TO NEONATAL INTENSIVE CARE?
C. H. Pieper, J. Smith, D. Maree and F. C. Pohl

153 MANAGEMENT PARAMETERS AFFECTING THE OUTCOME OF JAPANESE ENCEPHALITIS
S. V. Tiroumourougane, P. Raghava, S. Srinivasan and Badrinath
157 PEAK EXPIRATORY FLOW RATES IN HEALTHY NIGERIAN CHILDREN
P. A. Agaba, T. D. Thacher, I. A. Angyo and E. I. Agaba
160 MOLECULAR EPIDEMIOLOGY OF ROTAVIRUS INFECTION IN WESTERN CAMEROON
M. D. Esona, G. E. Armah and A. D. Steele
164 EFFECTS OF HEMORHEOLOGICAL FACTORS ON THE DEVELOPMENT OF HYPERTENSION IN DIABETIC CHILDREN
H. Çam, K. Püşüroğlu, A. Aydın and M. Ercan
168 PREVALENCE AND RISK FACTORS OF IODINE DEFICIENCY AMONG SCHOOLCHILDREN
E. Gür, O. Ercan, G. Can, S. Akkuş, Ş. Güzelöz, S. Ciftcili, A. Arvas and Ö. Ilter
172 ANEMIA AND IRON DEFICIENCY AMONG SCHOOLCHILDREN IN THE ARAL SEA REGION, KAZAKHSTAN
M. Hashizume, O. Kunii, S. Sasaki, T. Shimoda, S. Wakai, Z. Mazhitova, D. Dauletbaev, W. Caypil, M. Aldiyarova, A. Farmer, Y. Yamashiro and M. Chiba
178 BIRTHWEIGHT AND GESTATIONAL AGE AS PREDICTORS OF OUTCOME IN PRETERM DELIVERIES FOR SEVERE PRE-ECLAMPSIA
D. Hall
181 THE EFFECTS OF ANDROSTENEDIOL AND DEHYDROEPIANDROSTERONE ON THE IMMUNE RESPONSE TO BCG AT PUBERTY
N. O. Kutlu, A. Akıncı, E. Sönmezgöz, İ. Temel and E. Evliyaoğlu
201 VARYING ROLE OF VITAMIN D DEFICIENCY IN THE ETIOLOGY OF RICKETS IN YOUNG CHILDREN VS. ADOLESCENTS IN NORTHERN INDIA
K. Balasubramanian, J. Rajeswari, Gulab, Y. C. Govil, A. K. Agarwal, A. Kumar and V. Bhatia
207 PEDIATRIC EMERGENCIES AT A TERTIARY CARE HOSPITAL IN INDIA
S. Singhi, V. Jain and G. Gupta
212 UNDERLYING CAUSES OF RECURRENT PNEUMONIA IN TURKISH CHILDREN IN A UNIVERSITY HOSPITAL
E. Çiftçi, M. Güneş, Y. Köksal, E. İnce and Ü. Doğru
216 CEREBRAL MALARIA IN CHILDREN: SERUM AND CEREBROSPINAL FLUID TNF-α AND TGF-β LEVELS AND THEIR RELATIONSHIP TO CLINICAL OUTCOME
F. Esamai, J. Ernerudh, H. Janols, S. Welin, C. Ekerfelt, S. Mining and P. Forsberg
224 THREE-IN-ONE WEIGHT, HEIGHT AND BODY MASS INDEX CHARTS FOR CHILDREN AND ADULTS
K. E. Elizabeth and M. Muraleedharan
228 ASYMPTOMATIC BACTERIURIA RATES IN SCHOOLCHILDREN: RESULTS FROM A RURAL CITY IN TURKEY
G. Yayli, H. Yaman and T. Demirdal
231 THE PROFILE AND COMPLICATIONS OF WOMEN WITH PLACENTAL ABRUPTION AND INTRAUTERINE DEATH
K. Leunen, D. R. Hall, H. J. Odendaal and D. Grové
235 PREDICTIVE CLINICAL SCORES FOR DIAGNOSIS OF LATE ONSET NEONATAL SEPTICEMIA
S. A. Singh, S. Dutta and A. Narang
240 THE EFFECT OF PRETORIA PASTEURIZATION ON BACTERIAL CONTAMINATION OF HAND-EXPRESSED HUMAN BREASTMILK
B. S. Jeffery, P. Soma-Pillay, J. Makin and G. Moolman
264 DISTRIBUTION OF HUMAN FASCIOLIASIS BY AGE AND GENDER AMONG RURAL POPULATION IN THE NILE DELTA, EGYPT
F. Curtale, Y. A. El-Wahab Hassanein, A. E. Wakeel, S. Mas-Coma and A. Montresor
269 DETERMINANTS OF CHILDREN'S HEALTH SERVICES UTILIZATION IN THE PHILIPPINES
A. Thind and A. M. Cruz
274 ONE VS. TWO YEARS OF ANTI-EPILEPTIC THERAPY IN CHILDREN WITH SINGLE SMALL ENHANCING CT LESIONS
P. D. Singhi, J. Dinakaran, N. Khandelwal and S. C. Singhi
279 EFFECTS OF DISPLACEMENT RESULTING FROM ETHNIC/RELIGIOUS CONFLICT ON THE GROWTH AND BODY COMPOSITION OF FULANI CHILDREN IN NORTHERN NIGERIA
R. H. Glew, R. A. Bhanji and D. J. VanderJagt
286 IMMUNE DEFICIENCIES FOLLOWING CANCER TREATMENT IN CHILDREN
M. Kantar, N. Çetingül, S. Kansoy, N. Kütükçüler and G. Aksu
291 IS A 2:1 RATIO OF STANDARD WHO ORS TO PLAIN WATER EFFECTIVE IN THE TREATMENT OF MODERATE DEHYDRATION
E. Özmert, Y. Üçkardeş, K. Yurdakök and S. S. Yalçin
295 INTRAVENOUS LINES-RELATED SEPSIS IN NEWBORN BABIES ADMITTED TO NICU IN A DEVELOPING COUNTRY
A. F. Bakr
327 CASE FATALITY PROPORTIONS AND PREDICTIVE FACTORS FOR MORTALITY AMONG CHILDREN HOSPITALIZED WITH SEVERE PNEUMONIA IN A RURAL DEVELOPING COUNTRY SETTING
I. G. G. Djelantik, B. D. Gessner, A. Sutanto, M. Steinhoff, M. Linehan, L. H. Moulton and S. Arjoso
333 IMMUNOGENICITY AND SAFETY OF TWO DOSES OF A PAEDIATRIC HEPATITIS A VACCINE IN THAI CHILDREN: COMPARISON OF THREE VACCINATION SCHEDULES
S. Lolekha, S. Pratuangtham, W. Punpanich, P. Bowonkiratikachorn, K. Chimabutra and F. Weber
340 A RANDOMIZED CONTROLLED STUDY OF THE IMPACT OF DIETARY ZINC SUPPLEMENTATION IN THE MANAGEMENT OF CHILDREN WITH PROTEIN–ENERGY MALNUTRITION IN LESOTHO. I: MORTALITY AND MORBIDITY
B. Makkonen, A. Venter and G. Joubert
353 A RANDOMIZED CONTROLLED STUDY OF THE IMPACT OF DIETARY ZINC SUPPLEMENTATION IN THE MANAGEMENT OF CHILDREN WITH PROTEIN–ENERGY MALNUTRITION IN LESOTHO. II: SPECIAL INVESTIGATIONS
B. Makkonen, A. Venter and G. Joubert
361 KAWASAKI DISEASE IN OMAN—A CLINICAL STUDY
S. K. Bhatnagar, G. Paul, R. Subramanian, M. S. Al Hosni and S. M. Al Khusaiby
367 OUR EXPERIENCE WITH FULMINANT HEPATIC FAILURE IN TURKISH CHILDREN: ETIOLOGY AND OUTCOME
S. Aydoğdu, F. Özgenç, S. Yurtsever, S. A. Akman, Y. Tokat and R. V. Yağci

371 SEROEPIDEMIOLOGY OF HEPATITIS B AND DELTA VIRUS INFECTIONS IN BANGLADESH
Md. H. Zaki, G. L. Darmstadt, A. Baten, C. R. Ahsan and S. K. Saha

OCCASIONAL REVIEW

375 TREATMENT OF CHRONIC HEPATITIS B—A PAEDIATRIC PERSPECTIVE
R. Hinds and A. Dhawan

BRIEF REPORTS

121 BLOOD LEAD LEVELS AND RISK FACTORS FOR LEAD TOXICITY IN CHILDREN FROM SCHOOLS AND AN URBAN SLUM IN DELHI
V. Kalra, K. T. Chitralekha, T. Dua, R. M. Pandey and Y. Gupta
186 PREVALENCE OF *MYCOPLASMA PNEUMONIAE* INFECTIONS IN ASTHMATIC CHILDREN IN ISTANBUL, TURKEY
Ü. Önes, Z. Tamay, L. Erbatur and N. Güler
187 ZINC DEFICIENCY: A CONTRIBUTING FACTOR OF SHORT STATURE IN GROWTH HORMONE DEFICIENT CHILDREN
Z. Şiklar, C. Tuna, Y. Dallar and G. Tanyer
189 EFFECTS OF HOSPITAL STAY ON NUTRITIONAL ANTHROPOMETRIC DATA IN TURKISH CHILDREN
Y. Öztürk, B. Büyükgebiz, N. Arslan, and H. Ellidokuz
245 A RETROSPECTIVE HOSPITAL-BASED STUDY ON CONGENITAL HYPOTHYROIDISM IN THE SULTANATE OF OMAN
H. A. Al Shaikh, B. Bappal, R. Nair and S. Al Khusaiby
247 SEARCHING FOR ANTIBODIES TO HHV-8 IN CHILDREN BORN TO HIV-1 INFECTED MOTHERS FROM SÃO PAULO, BRAZIL: RELATIONSHIP TO MATERNAL INFECTION
A. Caterino-de-Araujo and S. E. Lopes Cibella
250 *HELICOBACTER PYLORI* INFECTION AND RECURRENT ABDOMINAL PAIN IN CHILDREN
B. K. Das, S. Kakkar, V. K. Dixit, M. Kumar, G. Nath and O. P. Mishra
253 FOLLOW-UP OF PATIENTS WITH VERTICALLY-ACQUIRED HIV INFECTION WHO ARE MORE THAN 9 YEARS OLD
N. T. Rotta, A. R. Silva, C. L. Silva, F. F. Silva, M. G. Silva, L. O. Santos, S. Kelbert and L. Ohlweiler
298 HYPOCALCAEMIA IN A PAEDIATRIC INTENSIVE CARE UNIT
S. C. Singhi, J. Singh and R. Prasad
302 THE DURATION OF MATERNAL MEASLES ANTIBODIES IN CHILDREN
A. Kılıç, S. Altınkaynak, V. Ertekin and T. Inandı
305 INTRAERYTHROCYTIC POTASSIUM LEVELS AND EARLY INSULIN RELEASE IN CHILDREN WITH MODERATE MALNUTRITION
S. Karasalihoğlu, M. Bi, N. Öner, C. Çeltik and Ö. Pala
377 THE VALIDITY OF DIAGNOSTIC CRITERIA FOR STREPTOCOCCAL PHARYNGITIS IN INTEGRATED MANAGEMENT OF CHILDHOOD ILLNESS (IMCI) GUIDELINES
F. Şahin, B. Ulukol, D. Aysev and E. Suskan
379 RISK OF SEIZURE RECURRENCE FOLLOWING A FIRST UNPROVOKED SEIZURE IN CHILDREN
P. Boonluksiri
381 INTRAUTERINE GROWTH CURVES FOR TURKISH INFANTS BORN BETWEEN 25 AND 42 WEEKS OF GESTATION
F. Ovalı

CASE REPORTS

54 CYSTIC FIBROSIS MUTATION I1234V IN A QATARI LADY
A. Abdul Wahab
55 CALCANEAL APOPHYSITIS DUE TO BRUCELLOSIS
S. Ozgocmen, E. Kocakoc, A. Kiris, Y. Sen and O. Ardicoğlu
58 FIRST CASE OF NEUROCYSTICERCOSIS IN SAUDI ARABIA
D. Al Shahrani, H. H. Frayha, O. Dabbagh and E. Al Shail
124 CRYPTOCOCCAL MENINGITIS IN PEDIATRIC AIDS
R. Kaur, D. Rawat, M. Kakkar, R. Monga and V. K. Sharma
126 CONGENITAL RICKETS
A. Mohapatra, K. Sankaranarayanan, S. S. Kadam, S. Binoy, W. A. Kanbur and J. A. Mondkar
128 ERADICATION OF *CRYPTOSPORIDIUM* IN FOUR CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA
O. Trad, P. Jumaa, S. Uduman and A. Nawaz
191 EXTRA HEPATIC PORTAL VEIN THROMBOSIS IN A CHILD ASSOCIATED WITH LUPUS ANTICOAGULANT
H. P. Pati, A. Srivastava and P. Sahni

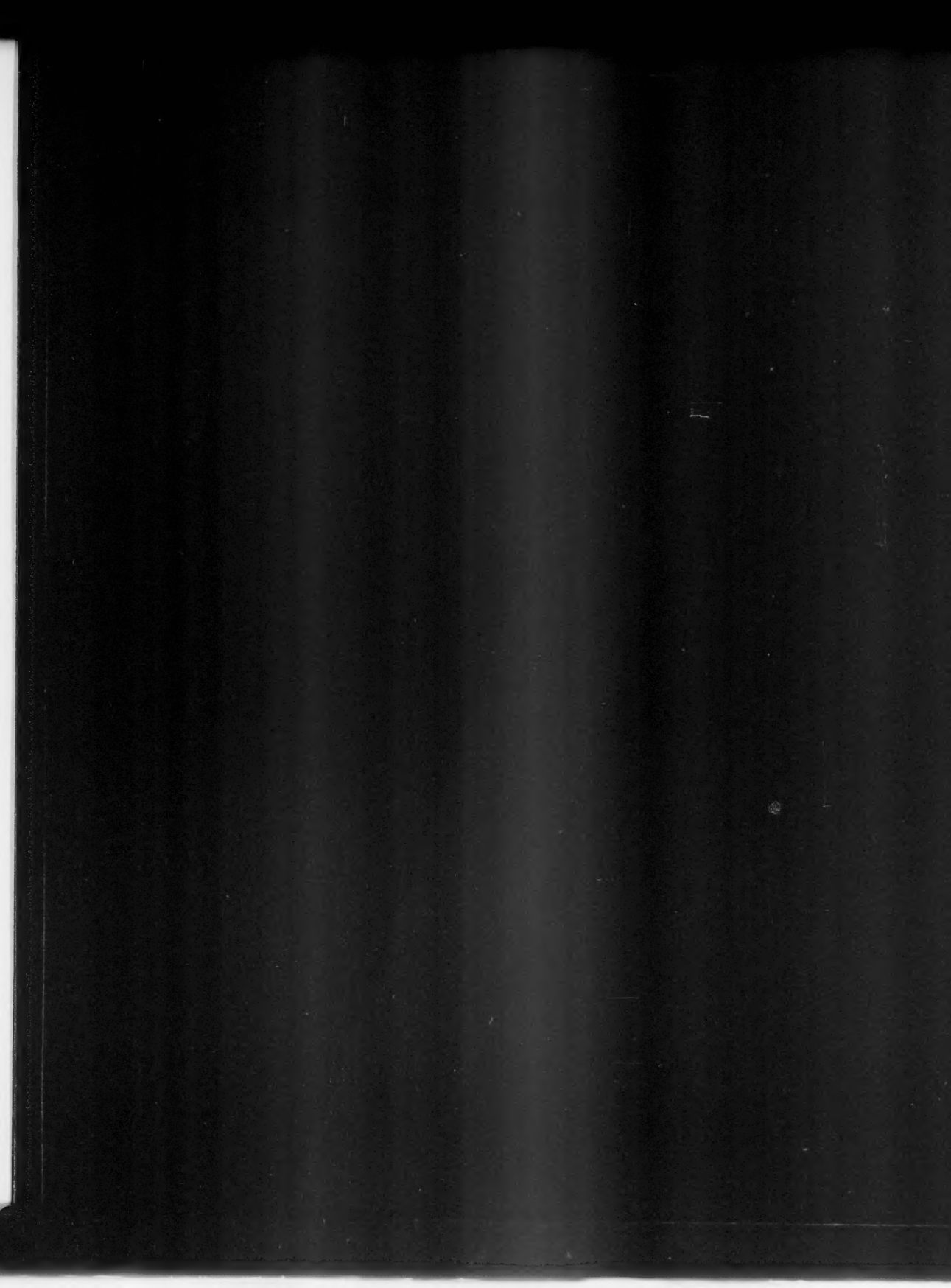
RESEARCH LETTERS

61 PNEUMONIA ASSOCIATED WITH VISCERAL LEISHMANIASIS IN CHILDHOOD
M. Totan and M. Hokelek
61 SURFACTANT THERAPY IN THE ABSENCE OF RESPIRATORY SUPPORT FACILITIES
E. Osman El-Amin and P. P. Sharma

63 PLASMA CHITOTRIOSIDASE ACTIVITY IN ACUTE *PLASMODIUM FALCIPARUM* MALARIA
R. Barone, J. Simporè, L. Malaguarnera, S. Pignatelli and S. Musumeci
64 THE IMPORTANCE OF A HIGH INDEX OF SUSPICION IN RABIES
S. Gulati, N. Sarkar, S. K. Kabra, M. C. Sharma and V. Kalra
193 USE OF WATER BY BREASTFED CHILDREN IN MAPUTO, MOZAMBIQUE
N. Lunet and H. Barros
256 THE INCIDENCE AND DEMOGRAPHY OF NEURAL TUBE DEFECTS IN ABU DHABI, UNITED ARAB EMIRATES (1992-1999)
G. R. Samson
308 ACUTE RENAL FAILURE FOLLOWING SNAKEBITE IN CHILDREN
S. A. Singh, P. Nalini and B. A. Badhe
309 PREVALENCE OF VITAMIN A DEFICIENCY AMONGST PRIMARY SCHOOLCHILDREN (6-11 YEARS) IN THE NATIONAL CAPITAL TERRITORY OF DELHI
U. Kapil, V. Sethi, G. Goindi, P. Pathak and P. Singh
384 NATURAL HISTORY OF HEPATITIS C VIRUS AMONG APPARENTLY NORMAL SCHOOLCHILDREN: FOLLOW-UP AFTER 7 YEARS
A. El-Sherbini, W. Hassan, M. Abdel-Hamid and A. Naeim

NEWS FROM THE REGIONS

311 FOURTH INTERNATIONAL WORKSHOP ON KANGAROO MOTHER CARE
N. Bergman, A. Malan and M. Hann for the Organizing Committee
313 SURVEY OF THE GROWTH CHARACTERISTICS AND BODY COMPOSITION OF FULANI CHILDREN IN A RURAL HAMLET IN NORTHERN NIGERIA
R. H. Glew, C. A. Conn, R. Bhanji, P. Calderon, C. Barnes and D. J. VanderJagt

BOOK REVIEWS

194 HEALTHCARE DATABASES: A SIMPLE GUIDE TO BUILDING AND USING THEM
A. Gillies
194 USING THE INTERNET IN HEALTHCARE
S. Tyrrel
258 VISUALIZING STATISTICAL MODELS AND CONCEPTS
R. W. Farebrother
386 NON-LINEAR MODELS IN MEDICAL STATISTICS
J. K. Lindsey
386 PUBLIC HEALTH: AN ACTION GUIDE TO IMPROVING HEALTH IN DEVELOPING COUNTRIES
J. Walley, J. Wright and J. Hubley